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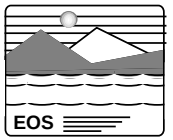

- **Based on Preliminary Design of Release B, determine if SDPS and CSMS are ready to proceed to detailed design and begin selection/acquisition of COTS hardware and software for Release B**

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Release-B Scope

All Release-A Functionality Plus:

- Ingest, processing, archiving, management, and user access for data products from ASTER, CERES, MISR, MODIS, MOPITT, SAGE III, Seawinds, MR and DFA instruments
- Integration and testing of science software for processing data from above instruments
- Archiving, management and user access for products from the Landsat ETM+ instrument
- Archiving, management and user access for data sets migrated from V0
- Access/Distribution for SAR Products from ERS-1 and 2, JERS-1, RADARSAT.
- Support of End-to-end testing of ESDIS Ground Systems

Release-B Scope (Continued)

Release-B Sites

- Release-A Operational Sites Extended to Support Release-B Missions
  - GSFC, LaRC, MSFC, SMC
- New Release-B DAACs
  - EDC, ASF, JPL, NSIDC, ORNL, SEDAC
- EOC Operational

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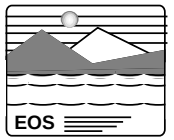
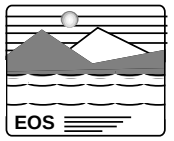
Scope of IDR



- **SDPS and CSMS Release B – preliminary design based on baselined requirements**
- **Any potential changes in requirements based on NRC recommendations are outside the scope of this review**

IDR Approach



Based on Feedback from Release A CDR, Scenario-Based Approach to Presenting Design:

- **End-to-end scenarios with three top-level views:**
  - **Push scenarios**
  - **Pull scenarios**
  - **Push/Pull conflict resolution scenarios**
- **Design "drill-downs" to provide more detail on selected design topics**
- **Demonstrations/prototypes**
- **Minimal introductory/context-setting material**

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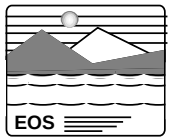
IDR Approach (Continued)



Features:

- Provides a better view of the "System"
- Provides insight from perspective of data producers, end users, operators
- Conflict resolution scenarios provide insight into robustness and evolvability of the design
- Large, complex system: can only address a small subset of all possible scenarios
- In limited time, cannot provide insight into all aspects of the design –"drill downs" focus on selected topics of importance, interest and/or sensitivity

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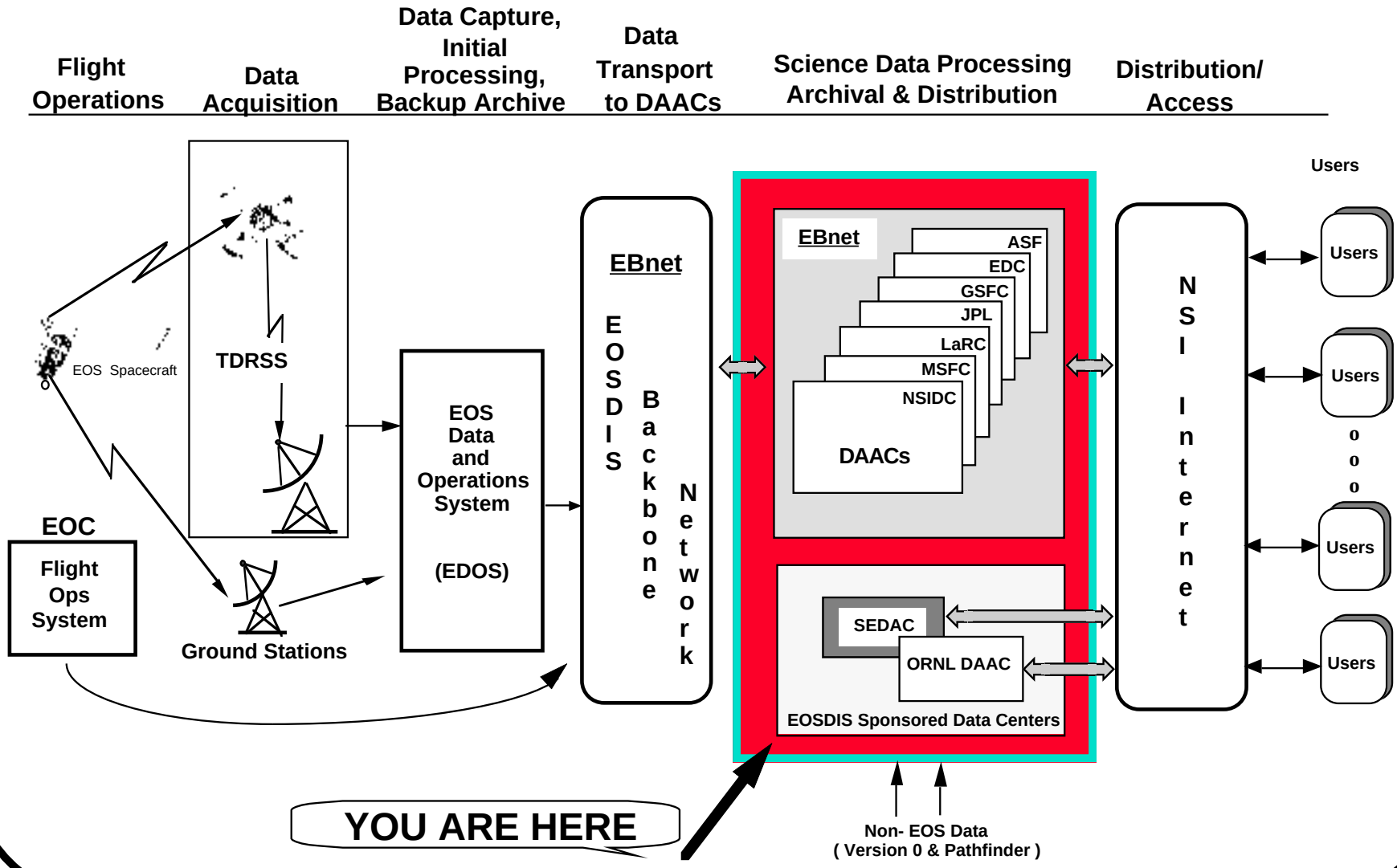
WHERE Are We in the ESDIS Functional Architecture?



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Who Is on the CDR Review Board?

Panel Members	ESDIS Role(s)	DAAC/Center Association
Bill Mack, Co-Chair	Office of Flight Assurance	GSFC
Moshe Pniel, Co-Chair	ASTER IT, AHWGP, DWG	JPL
Bruce Barkstrom	CERES PI, EOS Advisory Panel, AHWGP, DWG, IWG	LaRC
Art Gaylord	Independent, Network Expertise	U. of Mass.
David Glover	EOS Advisory Panel,Tirekicker, IWG	JPL/UWG
Chris Lynnes	DAAC Engineer, M&O, DWG	GSFC
Tom Antczak	DAAC Engineer	JPL
Lyn Oleson	DAAC Manager, M&O	EDC
John Wolfgang	Independent, Engineering Directorate	GSFC
Dan Baldwin	Tirekicker, DWG	U. of Colo.
Tony Maione	NCC Project Manager (Independent)	GSFC
Greg Hunolt	DAAC Systems/Science Ops	GSFC
Ed Masuoka	MODIS Instrument Team, AHWGP, DWG	GSFC
Dave Emmitt	EOS Advisory Panel, Tirekicker, IWG	U. of VA
Donald Becker	Independent, Networks Expertise	U. of MD

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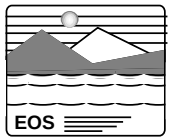
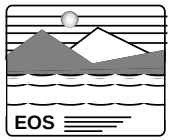
Review Process



- **Hold questions until end of presentation sections – in many cases, the question will be addressed in a subsequent slide**
- **Four Methods for capturing issues:**
  - **RIDs – Anyone can write a RID against IDR material – submit via a board member**
  - **Questions – To get help on where something is found in documentation, how something works, etc.**
  - **Running issues – Board will capture issues – to keep reviews moving, in-depth dialogues will be deferred until after initial discussion**
  - **Action Items – assigned by the review board**
- **End of each day – the board meets for wrap-up, issue review and RID categorization**
- **Friday morning – Review board will analyze, prioritize issues, resolve issues, assign actions and responsibilities**
- **Friday afternoon – Board will present a summary including issues to NASA and Hughes management**

- **Does the preliminary design reflect a clear understanding of the Release-B requirements?**
- **Is the preliminary design sufficient to initiate detailed design?**
  - **Satisfies Release-B Requirements**
  - **Reflects Operations Concept**
- **Have risks been identified/risk management plan in place?**
- **Have prototypes/trades been identified and planned?**
- **Have make/buy decisions been made?**

RID Process



- **RID Resolution Process**
  - **RIDs entered into RID database**
  - **Actionee responsible for response, internal review and approval**
  - **Internally approved responses entered into RID database by Actionee**
  - **Sponsor reviews, accepts/rejects**
    - » **If accepted, sponsor presents to RID Review Team for closure**
    - » **If rejected, mitigation continues between actionee(s) and sponsor**
  - **RID Review Team reviews and approves/rejects RID's responses**
  - **If accepted, RID is marked Closed in RID Database**
  - **If rejected, mitigation continues**
- **To facilitate RID processing please limit each RID to a single topic**

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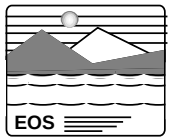
Key IDR RID Dates



- **November 10**
  - **All RIDs against presentations are due**
  - **Submission via email is preferable, FAX okay (addresses and FAX number on RID forms)**
  - **All Issue RIDs and RIDs against presentations will be entered by RID team into Master RID Database**
- **November 15**
  - **Comments to documents are due to Document Manager, Daphne Rodriguez (daphne.rodriguez@ccmail.gsfc.nasa.gov)**
  - **RID forms not appropriate**
- **December 15**
  - **Initial Priority 1 RID responses completed**
  - **Responses available in RID database for review/closure/rework**